

Abstract:

Switch Comprising a Reinforced Tongue Rail

5 In a switch including a main track and a branch track, wherein
one rail of each track is each configured as a tongue rail and
movable into abutment on the respective stock rail, at least
one stock rail (1), in its region of abutment on the tongue
rail (2), is designed to have a reduced rail head width as
10 compared to the region located outside said region of
abutment, wherein the rail head width, starting from the tip
(3) of the tongue, decreases as far as to a point (4) at which
the carrying wheel comes into lateral contact with the tongue
rail (2) and increases in the region following thereupon, and
15 that the tongue rail (2) is designed to be reinforced in cross
section towards the stock rail (1) according to the reduction
in the width of the stock rail head.

(Fig. 1)